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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

**(Use as many sheets as necessary)**

Sheet

1

of 2

<b>Application Number</b>	10/553,308
<b>Filing Date</b>	October 14, 2005
<b>First Named Inventor</b>	Haskell
<b>Art Unit</b>	Unknown
<b>Examiner Name</b>	Not Assigned
<b>Attorney Docket Number</b>	05-861

## U. S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>5</sup>
		Country Code <sup>3</sup> "Number" <sup>4</sup> "Kind Code" <sup>5</sup> (if known)				
/H.L./		WO 01/29926	4-26-01	Roberts		
/H.L./		WO 03/036756	5-1-03	Thomas		
/H.L./		GB 2 034 525	6-4-80	Mark		
/H.L./		GB 2 317 056	3-11-98	Perrott		
/H.L./		JP 2001-211025	8-3-01	Tsuyoshi et al.		

**Examiner  
Signature**

/Harry Liu/

**Date  
Considered**

07/23/2007

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Sheet

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of

2

**Complete if Known**

Application Number	10/553,308
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10/553,308

<b>Filing Date</b>	<b>October 14, 2005</b>
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**October 14, 2005**

First Named Inventor	Haskell
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## Haskell

Art Unit	Unknown
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## Unknown

Examiner Name	Not Assigned
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**Not Assigned**

Attorney Docket Number	05-861
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**05-861**

## U. S. PATENT DOCUMENTS

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		Country Code <sup>3</sup> *Number <sup>4</sup> *Kind Code <sup>5</sup> (if known)				
/H.L./		EP 1 193 792	4-3-02	Yamaguchi		

**Examiner  
Signature**

/Harry Liu/

**Date**

**Considered**

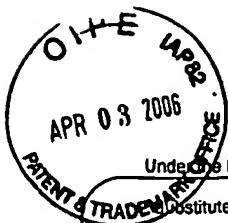
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PTO/SB/08a (07-05)

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet

1

of

6

**Complete if Known**

Application Number	10/553,308
Filing Date	October 14, 2005
First Named Inventor	Haskell
Art Unit	Unknown
Examiner Name	Not Assigned
Attorney Docket Number	05-861

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		Number-Kind Code <sup>2</sup> (if known)			
/H.L./		us- 2,041,600	5-19-36	Friis	
/H.L./		us- 2,239,775	3-2-39	Bruce	
/H.L./		us- 2,245,660	10-12-38	Feldman et al.	
/H.L./		us- 2,247,666	8-2-39	Potter	
/H.L./		us- 2,961,620	11-22-60	Sommers	
/H.L./		us- 3,277,481	10-4-66	Robin et al	
/H.L./		us- 3,522,558	1-13-69	Stafford et al.	
/H.L./		us- 4,241,352	12-23-80	Alspaugh et al	
/H.L./		us- 4,249,181	2-3-81	Lee	
/H.L./		us- 4,788,515	11-29-88	Wong et al.	
/H.L./		us- 4,881,082	11-14-89	Graziano	
/H.L./		us- 5,281,974	1-25-94	Kuramoto et al.	
		US-			
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**FOREIGN PATENT DOCUMENTS**

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		Country Code <sup>3</sup> *Number <sup>4</sup> *Kind Code <sup>5</sup> (if known)				
/H.L./		WO 89/07837	8-24-89	Wong et al.		
/H.L./		WO 92/16061	9-17-92	Kangas		
/H.L./		WO 93/15569	8-5-93	Franza et al.		
/H.L./		WO 95/10862	4-20-95	Butland et al.		
/H.L./		EP 0 531 090	3-29-00	Fujil et al.		

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/Harry Liu/

Date  
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<b>Application Number</b>	10/553,308
<b>Filing Date</b>	October 14, 2005
<b>First Named Inventor</b>	Haskell
<b>Art Unit</b>	Unknown
<b>Examiner Name</b>	Not Assigned
<b>Attorney Docket Number</b>	05-861

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Sheet 2 of 6

[illegible]

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		Country Code <sup>3</sup> *Number <sup>4</sup> *Kind Code <sup>5</sup> (if known)				
/H.L./		EP 0 575 808	12-29-93	Hadzoglou et al.		
/H.L./		GB 1 314 693	4-26-73			
/H.L./		AU 38746/93	7-29-93	Butland et al.		
/H.L./		AU 664625	11-23-95	Mews		
/H.L./		JP 02-174302 - abstract	7-5-90	Nippon Telegraph		

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Sheet

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**Complete if Known**

Application Number	10/553.308
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Filing Date	October 14, 2005
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First Named Inventor	Haskell
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Art Unit	Unknown
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<b>Examiner Name</b>	<b>Not Assigned</b>
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Attorney Docket Number	05-861
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## U. S. PATENT DOCUMENTS

[illegible]

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		Country Code <sup>3</sup> *Number <sup>4</sup> *Kind Code <sup>5</sup> (if known)				
/H.L./		JP 04-320121 abstract	11-10-92	Nippon Telegraph		
/H.L./		JP 04-320122 abstract	11-10-92	Nippon Telegraph		
/H.L./		JP 05-37222	2-12-93	NEC Corp		X
/H.L./		JP 05-075340	3-26-93	Hitachi Chem Co.		
/H.L./		JP 05-121902	5-18-93	Nippon Dengiyou		

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Signature**

/Harry Liu/

Date  
Considered

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Sheet 4 of 6

<b>Application Number</b>	<b>10/553,308</b>
<b>Filing Date</b>	<b>October 14, 2005</b>
<b>First Named Inventor</b>	<b>Haskell</b>
<b>Art Unit</b>	<b>Unknown</b>
<b>Examiner Name</b>	<b>Not Assigned</b>
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/H.L./		JP 05-121915	5-18-93	Sumitomo Electric		
/H.L./		JP 61-172411	8-4-86			
/H.L./		JP 61-006901	1-13-86	Kokusai Denshin		X
/H.L./		JP 140985	5-20-94	Fujitsu Ltd		X
/H.L./		JP 06-196927	7-15-94	NTT Idou Tsuushinmou		X

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Sheet

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/H.L./		JP 06-260823	9-16-94	Mitsubishi Electric		X
/H.L./		JP 06-326501	11-25-94	Sumitomo Electric		X

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		Application Number	10/553,308
		Filing Date	October 14, 2005
		First Named Inventor	Haskell
		Art Unit	Unknown
		Examiner Name	Not Assigned
Sheet 6	of 6	Attorney Docket Number	05-861

## NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
/H.L./		Strickland, Peter "Microstrip Base Station Antennas for Cellular Communications", IEEE, pp. 166-171 (1991)	
/H.L./		Bacon, "Variable Elevation Beam-Aerial Systems for 1 1/2 Metres", Journal IEE, pp. 539-544 (1946)	
/H.L./		Forster, et al. "A Conical Beam Ship Array Antenna with Infinitely Variable Control of the Elevation Angle", pp. 17-20 (1973)	
/H.L./		Hansen, "Microwave Scanning Antennas" Vol. 3 Array Systems, pp. 2-7 (1966)	
/H.L./		Smith, textbook: "Circuits, Devices and Systems", A First Course in Electrical Engineering", 4 <sup>th</sup> Ed., pp. 680-681 (1984)	
/H.L./		Okuyama et al., "Base-Station Antenna Systems for Car and Handheld Cellular Phones", Mitsubishi Denki Giho, Vol. 68, no. 12, pp. 23-26 (1994)	
/H.L./		Sumitomo Technical Review, September (1993)	X
/H.L./		Brochure, "Brown Boveri Phaser for the Horizontal Slewing of Curtain Antennas", Boveri & Cie AG, Mannheim, RFA Classif. n° 1601/242	
/H.L./		CEL-901 Cellular Antenna Controller User's Manual", issued on 2 April 1992, in the name of CAL Corporation (1991)	

Examiner Signature	/Harry Liu/	Date Considered	07/23/2007
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